# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Saturday 21 May 2022 until 23:59 on Sunday 22 May 2022

Forecast Issued on Saturday 21 May 2022 at 04:52

**Confidence:** High for a largely dry and settled day Saturday, and for the change to unsettled conditions next week. Moderate for detail of low cloud on Sunday and showers in the outlook.

**Headline for Saturday 21 May 2022:** Generally fine and settled. Cloud building during the morning, but breaking to give bright sunny spells in the afternoon. Chance of isolated light showers developing.

**Mountain weather hazards on Saturday 21 May 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Sunny intervals | Cloudy | Sunny intervals | Sunny intervals | Sunny intervals | Clear night |
| Precipitation probability | | | | | |
| <05% | 10% | 20% | 10% | <05% | <05% |

**Forecast for Saturday 21 May 2022**

**Weather:** Patchy cloudy on some peaks at first, with further cloud bubbling up through the morning. Brighter by the afternoon with sunny intervals developing. Largely dry, but with a chance of isolated light rain showers during the afternoon. Skies clearing during the evening.

**Chance of cloud-free hill tops above 600m:** 60% initially, becoming 80% by mid-morning.

**Low cloud and visibility:** Cloud patches may just cover some of the higher peaks at first, soon lifting and breaking to be above summits. Good or very good visibility expected, perhaps with brief deteriorations in any showers to moderate.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Saturday 21 May 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/24 W | 21/27 W | 16/22 SW | 15/20 W | 11/16 W | 12/17 SW | 13/17 SW |
| **300** | 11/14 SW | 14/18 W | 11/17 SW | 11/16 SW | 8/12 SW | 8/13 SW | 8/12 S |
| **Valley** | 7/12 SW | 10/17 W | 9/17 SW | 7/14 SW | 7/14 W | 5/12 SW | 4/12 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/2 | 7/3 | 9/6 | 11/8 | 11/9 | 10/7 | 8/5 |
| **300** | 8/6 | 10/8 | 12/10 | 14/12 | 14/12 | 12/10 | 10/9 |
| **Valley** | 9/8 | 12/10 | 13/11 | 15/14 | 14/13 | 12/11 | 10/9 |
| **Freezing Level*** | 1500m | 1600m | 1800m | 1900m | 1900m | 1900m | 2300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A largely fine and settled day in the Peaks, but with a chance of short-lived light rain showers in the afternoon. Sun protection advised if out walking in the hills, as strong sunshine is expected.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 21 May 2022 | 2mm | 2mm | 4mm |

**Forecast for Sunday 22 May 2022**

**Weather:** Cloud will spill eastwards across the Peaks during the morning, gradually thickening and lowering through the afternoon. Outbreaks of rain and drizzle are likely at times, especially further west. Isolated showers may develop in brighter intervals during the afternoon, particularly further east. Cloud breaks developing more widely by the evening, with clear spells overnight.

**Maximum wind:** Southwesterly 15mph, gusting 25mph.

**Chance of cloud-free hill tops above 600m:** 60% in the west, rising to 90% by mid-afternoon. 90% in the east.

**Low cloud and visibility:** Broken cloud bases may lower at times to around 500m, particularly on western slopes and in more persistent drizzle. Drizzle may also reduce visibilities to poor for an hour or so. Short-lived deteriorations to moderate in any showers. Generally good visibility otherwise.

**Temperature:** **Valleys:** Plus 10 Celsius, rising to 17 Celsius.
**At 600m:** Plus 7 Celsius, rising to Plus 13 Celsius.
**Freezing level:** Above the summits.

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